Findings: Better Power to weight ratio requires less space, higher efficiency (approx. 10% more), totally enclosed, less noise and vibrations, less oil consumption because of re-circulation of oil and less maintenance expenses. Commercial evaluation has been completed and the technology is ready for replication.

(xx) Chemically Modified Bagasse (CMB)

The laboratory scale R&D evaluation work in collaboration with Vasant Dada Sugar Institute, Pune has been completed, to explore feasibility of converting bagasse into a decolourising agent for decolourisation of sugarcane juice, by treatment with Amino based reagents. The technology is not viable commercially.

In the overall, the response of the sugar industry to the in plant demonstrations of modernization projects and new technology projects through Mission Mode approach, has been very encouraging and several multiplier actions are being effected by industries themselves based on these results and experiences.

TIFAC-Core centre in Bihar

4784. SHRIMATI SAROJ DUBEY: Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

(a) the details of the Technology, Information, Forecasting and Assessment-Council's Centres of Relevance and Excellence (CORE), set up at various places in the country and the purpose to be achieved thereby;

(b) whether it is propose to set up any such centre in Bihar; and

(c) if so, its location?

THE MINISTER OF STATE IN THE DEPARTMENT OF SCIENCE AND TECHNOLOGY IN THE MINISTRY OF SCIENCE AND TECHNOLOGY (SHRI BACHI SINGH RAWAT): (a) to (c) Technology Information, Forecasting and Assessment Council (TIFAC)

has set up several Centres of Relevance and Excellence (COREs) in various places in the country on the basis of receipt of proposals on an all India basis. These Centres have been set up after comprehensive evaluation with a purpose to bring together Academia & Industry and to provide relevant courses to students/others aspiring to learn and to provide opportunities for users/industry relevant technology development in a focused specialised area. This approach also helps to bring out high quality technical manpower. Institutions from Bihar have also been contacted to formulate and submit proposals. The details of the thirteen COREs established so far and their locations are indicated below along with their area of discipline against each:-

1. Dibrugarh University, Dibrugarh, Assam	Clastic Petroleum Reservoir Engineering
2. MS University, Vadodara Gujarat	New Drug Delivery Systems
3. Karnataka Regional Engineering College, Surathkal, Karnataka	Industrial Biotechnology
4. National Institute of Industrial Engineering Mumbai, Maharashtra	Ergonomics & Human Factors Engineering
5. Jabalpur Engineering College, Jabalpur, Madhya Pradesh	High Voltage & Power Systems Engineering
6. Thapar Institute of Engineering & Technology, Patiala, Punjab	Agro & Industrial Biotechnology
7. Malviya Regional Engineering College, Jaipur, Rajasthan	Re-engineering
8. Shanmugha College of Engineering, Tirumalaisamudram. Tamil Nadu	Advanced Computing & Information Processing
9. PSG College of Engineering, Coimbatore, Tamil Nadu	Product Design & Optimization and Collaborative Product Commerce

10.	JSS College of Pharmacy, Ootacamund, Tamil Nadu	Herbal Drugs
11.	Mepco Schlenk College Sivakasi, Tamil Nadu	Industrial Safety
12.	Arulmigu Kalasalingam College of Engineering Krishnankoil, Virudhunagar, Tamil Nadu	Network Engineering
13.	Indian Institute of Technology, Roorkee, Uttaranchal	Disaster Mitigation

Projects of NISCOM

4785. SHRI A. VIJAYA RAGHAVAN: Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

(a) whether the Council of Scientific and Industrial Research sent an office memorandum to National Institute of Science Communications after September, 2001 for detailed information of all projects undertaken in the institute during last five years, for providing the same to the office of Comptroller and Auditor General of India; and

(b) if so, the details of the above projects including the title of projects, period, funding agency, total grant, grant utilised, vehicles and equipment purchased; and other agencies involved in the project year-wise and category-wise?

THE MINISTER OF STATE IN THE DEPARTMENT OF SCIENCE AND TECHNOLOGY IN THE MINISTRY OF SCIENCE AND TECHNOLOGY (SHRI BACHI SINGH RAWAT): (a) Yes Sir, CSIR had sent a communication to all CSIR establishments, including National Institute of Science Communication (NISCOM), seeing information on externally funded projects and in-house projects activities, as required by Comptroller and Auditor General of India (CAG).

(b) Information is being collected and will be laid on the Table of the House.